APPLICATION FOR UNITED STATES PATENT **Declaration for Patent Application**

| | 4 | As a below named it or, I hereby declare that: |
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| | , | My residence, post dance address and citizenship are as stated below next to my name. |
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e I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on

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| portion only if you are subriting are subriting are subriting as extending and was amended under PCT Article(s) 19 and/or 34 Application as ACT International Application (above.) I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, a mendment referred to above. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me which is ma littly in accordance with Title 37. Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application (s) for patent or inventor's certificate or any PCT internations (s) designating at least one country other than the United States of America filed by me on the same subject matter having a function of the application of th | Use this 7[] | was filed as PCT international an | olication | |
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I hereby appoint the following attorneys of the firm of Stevens, Davis, Miller & Mosher, L.L.P. as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

James E. Ledbetter, Reg. No. 28732; Thomas P. Pavelko, Reg. No. 31689; and Anthony P. Venturino, Reg. No. 31674.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO STEVENS, DAVIS, MILLER & MOSHER, L.L.P., 1615 L Street, N.W., Suite 850, Washington, D.C. 20036, TELEPHONE (202) 408-5100, FACSIMILE (202) 408-5200.

See page 2 for signature lines

United

line 1. Insert the same title as is used on the specification and in the assignment.

line 2 Is optional but is provided so that you can use it to identify more readily an application prior to the content of the Patent Office application serial number is assigned. We suggest that the specification, and get and declaration always bear a file number since it can be cet the papers together in case they become inadvertently in associating it with the correct case.

line 3 Check this box if the specification, claims and drawing (if any) are attached to this declaration form, e.g., when filing a new patent application.

lines 4-5 Are only used in an instance where the application is already on file and the declaration from is being separately filed, e.g., when the application was originally filed without a signed declaration or where the Patent Office has required a new declaration because of a deficiency in the original declaration. In such a instance the Patent Office will require that lines 4 and 5 be completed with the filing date and application serial number already assigned.

line 6 Is used in conjunction with line 5 but only when there have been one or more amendments to the specification or claims. Line 6 is also used when a Examiner requires a new declaration because claims inserted by amendment cover subject matter not originally claimed (37 CFR §1.67).

lines 7-10 Are for PCT (Patent Cooperation Treaty) cases and are used only when you are entering the U.S. National phase (Chapter I or II) based upon a previously filed PCT International application designating the U.S.

line 7 Check this box if this is a PCT National Phase application.

line 8 Insert PCT International application number.

line 9 Insert date of filing of PCT International application.

lines 10 Insert the date of all amendments filed in the PCT International application. Such amendments are optional, so this line at times will not be used.

(i) If a single priority is being claimed from a foreign application you need to list only the first-filed application; you do not need to list other countries it applications were filed within one year of the U.S. filing.

(ii) If multiple priorities are being claimed, from a plurality of applications filed in one or more countries, you must list the first filed application for each aspect of the invention. Example: if aspect A of the invention was disclosed in an application filed 11 months earlier in country X and aspect B was disclosed 9 months carlier in an application for each aspect being claimed, then the applications in both countries X and Y must be identified. Only the first application for each aspect of the invention needs to be identified provided all applications on that aspect were filed within one year prior to the U.S. filing.

(iii) If a non-priority application is being filed you must list all applications in all countries where corresponding foreign applications were filed more than one year prior to the U.S. filing. This is so the Examiner can check to see if any of those applications were published or patented early enough to be prior an against the U.S. application.

(iv) If there are more than two applications to be listed we suggest that you type in on this form only "See attached Schedule A" and then list all of the previous applications on an attached sheet.

line 15 Is used to claim priority under 35 USC §119(e) based on a provisional application filed within one year of the filing of the instant application. More than one placetion may be identified provided neither was filed more than one year earlier.

line 12 This block is used only in instances where there is a previously filed U.S. non-provisional application which was copending at the time the present application was effect is being) filed. that previous application could be a U.S. non-provisional application or the National Phase of a PCT allocation. In such a case the present application may be entitled to the priority of the previous application's U.S. filing date (and consequently the foreign priority thereof) provided the present application is identified as a continuing application (continuation, divisional or continuation-in-part) of the earlier (parent) application. If the foregoing is applicable, please fill in one line for each such prior application.

line 13 Type the inventor's proper legal name in the order specified, e.g., "John B. JONES" or "J. Bob JONES" if the inventor so prefers. It is not acceptable to use only initials such as "J. B. JONES."

line 14 The inventor's "signature" may be his (or her) usual manner of signing but it is preferable that the inventor simply write his (or her) name in his (or her) own cursive handwriting in the same order as on line 14, e.g., given name, middle initial and Pamily name.

line 15 Insert the actual date of signature.

line 16 Insert simply the city and state or country, e.g., "Paris, France", of the inventor's residence, not citizenship. No street address or postal code is required on this line.

line 17 Insert the inventor's citizenship. The statement of citizenship (or subject of) is a statutory requirement (35 USC §115). Simply the name of the country of citizenship, e.g., "Japan" is sufficient.

line 18 Insert the inventor's mailing address. The purpose of requiring the post office address is to enable the Patent Office to communicate directly with the inventor if desired, such as in the case of death of the U.S. attorney. It should be the address where the inventor customarily receives his (or her) mail and should include the postal code. If applicable it can be the inventor's business address or address at place of employment.

Applicants are reminded that the U.S. Patent and Trademark Office has very strict requirements as to proper execution of an application. The applicant should make sure that he reviews the declaration, prior to signing to make sure the declaration properly identifies the application and all relevant information; and should review the specification and claims (including drawings, if any) before signing the declaration. Failure to do so will require the filing of a supplemental declaration — 37 CFR §1.67(c).

Any handwritten changes to the specification, claims or drawings must be in ink personally by all of the inventors prior to signing the declaration and the adjacent left margin must be initialed and dated by all of the inventors, e.g., "JBJ 6-9-91".

Please let us know if there are any questions regarding proper completion of this form. Thank you.

An assignment, a separate document requiring separate signature and dating may be enclosed. Please look for it and sign and date it in the same manner as in lines 15 and 16 above.

| or ille 18 | of the United States Code, and the | h willful statements may jeopardize the | validity of the appliant or an | on and belief are believed to be true; and fine or imprisonment, or both, under Sec ly patent issuing thereon. | tion 1001 |
|---------------------------|--|---|--------------------------------|--|--------------|
| 13a 👆 | Typewritten Full Name of Sole or First Inventor | PAGE 2 OF U.S.A. DECL Yasuyo Given Name | Middle Name | MARUWAKA Family Name | |
| 14a | Inventor's Signature | Yasuyo | | Maruwaka | |
| 15a | Date of Signature | January | ೨५, Day | 200/ | |
| 16a | Residence | Yokosuka-shi City | Kanagawa | Year JAPAN | |
| 17a | Citizenship | JAPAN | State or Province | Country | 3 |
| 18a | Post Office Address (Insert complete mailing | 6-2-908, Hikari no Oka, | | | <u> </u> |
| | address, including country) | Yokosuka-shi, Kanagawa | 239-0847 JAPAN | | |
| 13ъ | Typewritten Full Name of Sole or Second Inventor | Noriaki Given Name | Middle Name | MINAMIDA | AVAILABL |
| 14b | Inventor's Signature | noviski | White Name | Family Name Minamida | <u>8</u> |
| 15b | Date of Signature | January | 24 | 200/ | |
| E. Fål | Desta | Month | Day | Year | 0 |
| 200 21 21 | Residence | Kanazawa-shi City | Ishikawa State or Province | JAPAN | |
| EG b | Citizenship | JAPAN | State of Flovince | Country | 70 |
| 186b 171 141 340 | Post Office Address (Insert complete mailing | 1-182-1, Matsumura, | | | _ ` |
| #! 1] | address, including country) | Kanazawa-shi, Ishikawa 9 | 20-0348 JAPAN | | |
| | Typewritten Full Name of Sole or First Inventor | | | | |
| : =- =- 4 | Inventorio Simono | Given Name | Middle Name | Family Name | _ |
| <u>4</u> è 5è | Inventor's Signature | | | | |
| | Date of Signature | Month | Day | | |
| =- 6ĉ | Residence | | Day | Year | |
| 7c | Citizenship | City | State or Province | Country | |
| 3c | Post Office Address (Insert complete mailing address, including country) | | | | - |
| 13d | Typewritten Full Name of Sole or Third Inventor | | | | |

Given Name Middle Name Family Name 14d Inventor's Signature 15d Date of Signature Month Day Year 16d Residence City State or Province

Country

18d Post Office Address (Insert complete mailing address, including country)

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Citizenship

17d

^{*}Note to Inventor: Please sign name on line 15 exactly as it appears in line 14 and insert the actual date of signing on line 16. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.

STEVENS, DAVIS, MILLER & MOSHIR, LLP.